

Features

- Low Insertion Loss
- High Attenuation
- Compact Size
- Surface Mount

Descriptions

Surface mount mono-block ceramic bandpass filter developed for S band applications.

Electrical Specifications

| Parameter | Unit | Specification |
|-----------------------------------|-------|--|
| Center Frequency (Fc) | MHz | 3575 |
| Passband Frequency Range | MHz | 3460~3690 |
| Insertion Loss @ Fc | dB | 3.5 max |
| Passband Flatness | dB | 1.5 max |
| Return Loss(VSWR) in Passband | dB | 15 min |
| Attenuation | dB | 12 min @ Fc±135 MHz, 14 min @ Fc±139 MHz |
| | | 17 min @ Fc±144 MHz, 20 min @ Fc±149 MHz |
| | | 21 min @ Fc±155 MHz, 30 min @ Fc±165 MHz |
| | | 35 min @ Fc±185 MHz, 30 min @ Fc±365 MHz |
| | | 30 min @ Fc±365 ~ 1115 MHz |
| Group Delay Variation | ns | 10 @ Fc±108 MHz |
| | | 15 @ Fc±115 MHz |
| Operating Input Power | Watts | 1.0 CW max |
| IN/OUT Impedance | Ohm | 50 |
| Operating Temperature | °C | -40 ~ +85 |
| Dimensions (Excluding Connectors) | Inch | 29.5 x 12 x 7.5 (L x W x H) |
| RoHS | - | Yes |

Mechanical Drawing

